FORM 4

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

| Washington,    | $D \subset$ | 20540 |  |
|----------------|-------------|-------|--|
| wasiiiiiqtoii, | D.C.        | 20549 |  |

## STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

| OMB APPROVAL             |       |  |  |  |  |  |  |
|--------------------------|-------|--|--|--|--|--|--|
| OMB Number: 3235-0287    |       |  |  |  |  |  |  |
| Estimated average burden |       |  |  |  |  |  |  |
| hours per response       | : 0.5 |  |  |  |  |  |  |

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

|   |   |   |                        |   |   |  |   |                             |   |     |   |   |  |   |                              |                                 |            | -                               |  |
|---|---|---|------------------------|---|---|--|---|-----------------------------|---|-----|---|---|--|---|------------------------------|---------------------------------|------------|---------------------------------|--|
| Name and Address of Reporting Person*     Zanganeh Mahkam |   |   |                        |   |   | 2. Issuer Name and Ticker or Trading Symbol Pulse Biosciences, Inc. [ PLSE ]   |   |                             |   |     |   |   |  | Relationship of Reporting Person(s) to Issuer (Check all applicable)     X Director 10% Owner |                              |                                 |            |                                 |  |
| (Last)  | (F  | irst)                                     | (Middle)               |   |   | 3. Date of Earliest Transaction (Month/Day/Year) 06/09/2023  |   |                             |   |     |   |   |  |   | r (give title                |                                 |            | (specify                        |  |
| 3957 POINT EDEN WAY                                       |   |   |                        |   | 4. If Amendment, Date of Original Filed (Month/Day/Year) 06/13/2023 |  |   |                             |   |     |   |   |  | 6. Individual or Joint/Group Filing (Check Applicab<br>Line)                                  |                              |                                 |            |                                 |  |
| (Street)<br>HAYWA   | ard C.  | A   | 94545                  |   |   |  |   |                             |   |     |   |   |  | X Form filed by One Reporting Person Form filed by More than One Reporting Person             |                              |                                 |            |                                 |  |
| (City)  | (S  | tate)                                     | (Zip)                  |   | Ru  | Rule 10b5-1(c) Transaction Indication  |   |                             |   |     |   | 1   |  |   |                              |                                 |            |                                 |  |
|   |   |   |                        |   |   | Check this box to indicate that a transaction was made pursuant to a contract, instruction or written plan that is intended to satisfy the affirmative defense conditions of Rule 10b5-1(c). See Instruction 10. |   |                             |   |     |   |   |  |   |                              |                                 |            |                                 |  |
|   |   | Tab                                       | le I - No              | n-Deriv   | ative   | Sec  | curit                                   | ies Ac                      | quired,   | Dis | sposed o                                  | of, or Be   | neficia  | lly Owne  | d                            |                                 |            |                                 |  |
|   |   | 2. Transaction<br>Date<br>(Month/Day/Year |                        | Execu<br>ear) if any  |   | ned<br>on Date,<br>Day/Year)   | 3.<br>Transaction<br>Code (Instr.<br>8) |                             | 4. Securities Acquired (A) of Disposed Of (D) (Instr. 3, 4 5) |     |   | and Securities Beneficially Owned Followir                        |  | 6. Ownership<br>Form: Direct<br>(D) or Indirect<br>(I) (Instr. 4)                             | Direct<br>Indirect<br>tr. 4) | Ownership                       |            |                                 |  |
|   |   |   |                        |   |   |  |   | Code                        | Code V  |     | (A) or (D)                                | Price   | Reported<br>Transaction(s)<br>(Instr. 3 and 4) |   |                              |                                 | (Instr. 4) |                                 |  |
| Common  | Stock   |   |                        | 06/09/  | 2023  |  |   |                             | X   |     | 86,668                                    | B A   | \$2.05   | 528,8   | 36(1)                        |                                 | D          |                                 |  |
| Common  | Stock   |   |                        |   |   |  |   |                             |   |     |   |   |  | 27,0  | 27,000                       |                                 | I          | Immediate<br>family<br>member 1 |  |
| Common  | Stock   |   |                        |   |   |  |   |                             |   |     |   |   |  | 14,000 I  |                              | Immediate<br>family<br>member 2 |            |                                 |  |
| Common  | Common Stock  |   |                        |   |   |  |   |                             |   |     |   |   |  | 107,  | 074                          |                                 | I          | Immediate<br>family<br>member 3 |  |
|   |   | Т   | able II                |   |   |  |   |                             | ,   |     | osed of<br>converti                       | ,   |  | y Owned   |                              |                                 |            |                                 |  |
| 1. Title of<br>Derivative<br>Security<br>(Instr. 3)       | ative or Exercise of Derivative Security  ative of Derivative Security  Date (Month/Day/Year)   Execution Date, if any (Month/Day/Year)   Facultion Date, if any (Month/Day/Year)   Security   Execution Date, if any (Month/Day/Year)   Security   Security |   | osed<br>0)<br>tr. 3, 4 | 6. Date Exercisable and Expiration Date (Month/Day/Year)  (Month/Day/Year)  7. Title and Amount of Securities Underlying Derivative S (Instr. 3 and |   |  |   | of<br>s<br>ig<br>e Security | 8. Price of<br>Derivative<br>Security<br>(Instr. 5)           |     | ve<br>es<br>ially<br>ng<br>ed<br>etion(s) | 10.<br>Ownersh<br>Form:<br>Direct (D<br>or Indirec<br>(I) (Instr. | Beneficial<br>Ownership<br>ct (Instr. 4)       |   |                              |                                 |            |                                 |  |
|   |   |   |                        |   | Code  | v  | (A)                                     | (D)                         | Date<br>Exercisal   |     | Expiration<br>Date                        | Title   | Amount<br>or<br>Number<br>of<br>Shares         |   |                              |                                 |            |                                 |  |
| Warrant<br>(right to<br>buy)                              | \$2.05  | 06/09/2023                                |                        |   | X   |  |   | 86,668                      | 06/09/20  | 22  | 06/09/2027                                | Common<br>Stock   | 86,668   | \$0   | 0                            |                                 | D          |                                 |  |

## Explanation of Responses:

1. The number of shares beneficially owned, as reported on the Form 4 filed on June 13, 2023, erroneously included options held by the Reporting Person.

/s/ Kenneth B. Stratton, as Attorney-in-Fact

07/06/2023

\*\* Signature of Reporting Person

Date

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

- \* If the form is filed by more than one reporting person, see Instruction 4 (b)(v).
- \*\* Intentional misstatements or omissions of facts constitute Federal Criminal Violations See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.